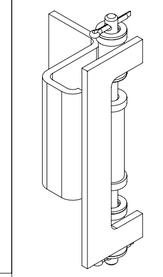
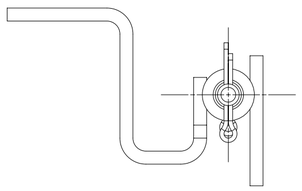
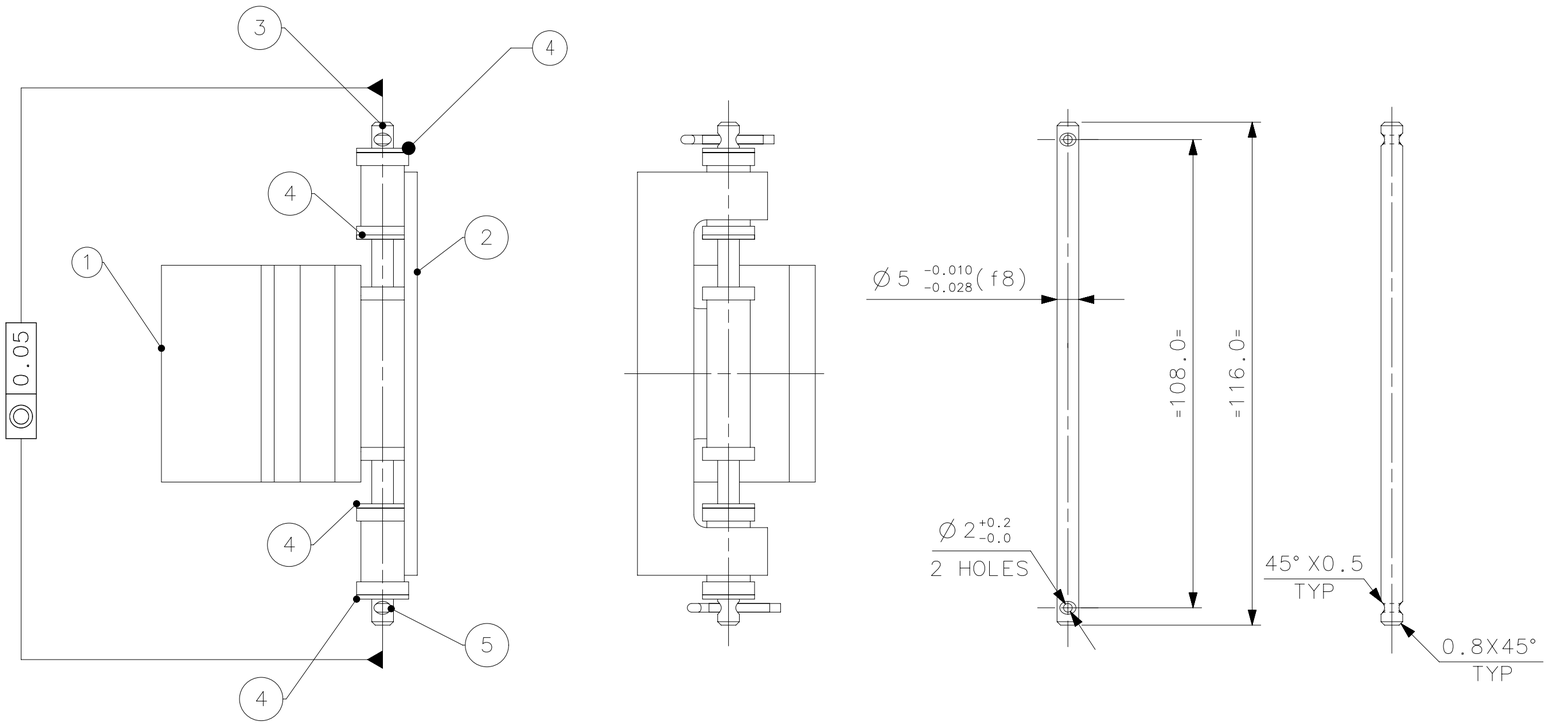
SN	PART NO	PART NAME	QTY	MATERIAL	WT(Kg)
1	007530585D91	MOVING HINGE S/A	1	HRCS-0, En3	0.171
2	007530584D92	FIXED HINGE S/A	1	HRCS-0, En3	0.059
3	007642436D1	PIN-HINGE(ASSY BATTERY BOX)	1	En 3	0.018
4	007643438D1	WASHER(ASSY BATTERY BOX)	4	M.S.	0.0006
5	007642442D1	PIN SPLIT(ASSY BATTERY BOX)	2	STD.	0.0005

UNSPECIFIED TOLERANCES

1. FORMING TO FORMING	
<500	±0.5
>500	±0.8
2. CD BETWEEN HOLES	
IN ONE PLANE	±0.2
IN DIFF PLANES	±0.5
3. FORM TO PIERCE	±0.5
4. ANGULAR TOLERANCE	±1°
5. HOLES SIZES	+0.2/-0
6. SLOT SIZES	±0.8
7. GENERAL TOLERANCE	
UP TO 300	±0.8
ABOVE 300	±1.0
8. FLANGE WIDTH	+1.0/-0.7
9. JOGGLE DEPTH	+0.3/0



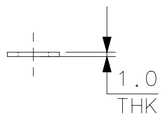


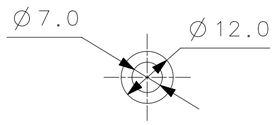


NOTE:-

HINGE SHOULD ROTATE SMOOTHLY.

MOVING HINGE S/A AND FIXED HINGE S/A SHOULD BE MADE BY ASSEMBLING THE PIN-HINGE PRIOR TO WELDING TO MAINTAIN THE SPECIFIED CONCENTRICITY





DETAILS OF PART 4

<SC> :SIGNIFICANT CHARACTERISTICS ▽ :CRITICAL CHARACTERISTICS

BREAK SHARP CORNERS MAY BE EITHER A CHAMFER OR A RADIUS FROM 0.2 mm MIN. TO 1.0 mm MAX.

UNSPECIFIED TOLERANCES AS PER ISO-2768-1:1989

		DIMENSIONS							
LINEAR IN mm.	OVER	0.5	3	6	30	120	400	1000	2000
	UPTO	3	6	30	120	400	1000	2000	4000
f FINE	(X.XXX)	±0.05	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	-
m MEDIUM	(X.XX)	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
c COARSE	(X.X)	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	±4
v VERY COARSE	(X)	-	±0.5	±1	±1.5	±2.5	±4	±6	±8

		LENGTH OF SHORTER SIDE OF THE ANGLE IN mm.				
ANGULAR IN deg.	OVER	-	10	50	120	400
	UPTO	10	50	120	400	-
f FINE	(X.XXX)	± 1°	± 0° 30'	± 0° 20'	± 0° 10'	± 0° 5'
m MEDIUM	(X.XX)					
c COARSE	(X.X)	± 1° 30'	± 1°	± 0° 30'	± 0° 15'	± 0° 10'
v VERY COARSE	(X)	± 3°	± 2°	± 1°	± 0° 30'	± 0° 20'

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COMPUTER GENERATED DRAWING | DO NOT CHANGE MANUALLY

IF IN DOUBT, ASK | DO NOT SCALE | DRG SIZE : A2

MAHINDRA & MAHINDRA LIMITED
TRACTOR DIVISION
KANDIVLI(EAST), MUMBAI 400 101, INDIA.

E.R. / PROC.REQ.NO : 500000002958

PART NO. : 007530829D92

PART NAME : HINGE ASSY BATTERY BOX

MATERIAL : SEE TABLE

HEAT TREATMENT : ------

	NAME	SIGN	DATE
CAD ENGG.			
DESIGNER	PKS		
CHECKER	RNM		
APPR.BY	CHM		

FIRST USED TRCR. MODEL ------

SCALE [:1]

SHEET 1 OF 1

UNIT QTY. : 1

WEIGHT : 0.2 kg.

ALL DIMENSIONS ARE IN mm. | CHECK DRG WITH LATEST CHANGE No

E.R.NO.	LET	LOC	REVISIONS	DSNR	CKR.	APPR.	DATE
600000011915	AD		REDRAWN FOR CHILD PART RELEASE	SRD	NVC	RAW	04/09/17
600000010202	AC		REDRAWN WITH 3D REF.	PG	NVC	RAW	17/07/15